

ABSTRACT OF THE DISCLOSURE

A color laser display apparatus which contains a laser light source which emits ultraviolet laser light, a modulation unit which modulates the ultraviolet laser light, a display unit which includes a fluorescent screen, and a scanning unit which two-dimensionally scans the fluorescent screen with the ultraviolet laser light. The fluorescent screen includes, for each pixel, red fluorescent material which emits red light in response to the ultraviolet laser light, green fluorescent material which emits green light in response to the ultraviolet laser light, and blue fluorescent material which emits blue light in response to the ultraviolet laser light. The laser light source may be, for example, a semiconductor laser or a fiber laser.